

[Total No. of Questions - 18] [Total No. of Printed Pages - 2]
(2125)

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B. Pharmacy 1st Semester Examination
Pharmaceutical Inorganic Chemistry (NS)
BP-111

Time : 3 Hours

Max. Marks : 70

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

- Note :** (i) Attempt any two questions from section 'A' and any eight questions from section 'B'.
(ii) Attempt all questions from section 'C'.

SECTION - A

1. Write in detail about limit test of Iron. (10)
2. What are Gastro-intestinal agents? Classify them with examples. Give preparation and uses of Magnesium sulphate. (10)
3. What are topical agents? Name all the astringents, protectives and Anti-infective agents official in IP. (10)

SECTION - B

4. Write in brief about physiological acid base balance. (5)
5. What are dental products? How they take care of teeth? (5)
6. Write down the apparatus description of modified Gutzeit test with neat and labelled diagram. (5)
7. Write a note on povidone Iodine. (5)

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8. Define Haematinics. Give preparation and uses of Ferrous sulphate. (5)
9. Define following: (any two)
 - (i) Expectorants
 - (ii) Enetics
 - (iii) Antidotes (5)
10. What is the role of (i) copper (ii) zinc in the body? (5)
11. Write about preparation and uses of oxygen. (5)
12. Comment on the following:
 - (a) Limit test of Iron cannot be done in presence of oxidising substances.
 - (b) In place of Barium chloride, Barium sulphate reagent is used in limit test of sulphate. (5)
13. Enumerate various pharmaceutical aids & their functions in brief. (5)

SECTION - C

14. Why potassium cyanide is used for limit test of lead? (2)
15. Define respiratory stimulant with examples. (2)
16. Define abrasive & varnishes. (2)
17. Name preservatives used in pharmaceutical preparations. (2)
18. Give identification test for calamine. (2)